Sent By: RYAN, MASON & LEWIS, LLP;

203 255 6570 ;

May-21-03 4:21PM;

Page 4/7

RESPONSE UNDER 37 C.F.R. §1.11 -EXPEDITED PROCEDURE-EXAMINING GROUP ART UNIT 2623

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of MI-SUEN LEE

Atty. Docket PHA 23-859 Group Art Unit: Examiner: Chong R. Kim

Serial No. 09/449,250

Filed: November 24, 1999

METHOD & APPARATUS FOR DETECTING MOVING OBJECTS IN VIDEO CONFERENCING AND OTHER APPLICATIONS

Commissioner for Patents 1.0 Washington, D.C. 20231

## RESPONSE TO OFFICE ACTION

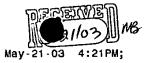
15 Sir:

> the Office Action of April 2, 2003, In response to Applicants submit the following remarks.

REMARKS 20

The present application was filed on November 24, 1999 with claims 1-20. Claims 1 through 20 are presently pending in the above-identified patent application.

The present invention is directed to a method and apparatus for detection of persons or other objects of interest in a video signal or other type of image signal. In accordance with an illustrative embodiment of the invention, a processing difference image threshold generates, e.g., а system processing an image signal received from a camera. The difference image is then segmented into regions bounded by lines, such as vertical lines, passing through the image, and silhouette candidates are identified in one or more of the regions. voting is used to determine saliency values and corresponding **203 255 6570**;



Page 2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty, Docket PHA 23 859

MI-SUBN LEB

Group Art Unit: 2623

Serial No. 09/449,250

Chong R. Kim Examiner:

5 Filed:

November 24, 1999

Títle:

METHOD AND APPARATUS FOR DETECTING MOVING OBJECTS

IN VIDEO CONFERENCING AND OTHER APPLICATIONS

Mail Stop Non-Fee Amendment Commissioner for Patents P.O. Box 1450 Arlington, VA 22313-1450

#### RESPONSE TRANSMITTAL

15

SIR: Submitted herewith is a Response to an Office Action dated April 2, 2003 relating to the above-identified patent There is no additional fee due in conjunction with application. the Amendment.

In the event of any non-payment or improper payment of a required fee, the Commissioner is hereby authorized to charge or to credit Ryan, Mason & Lewis, LLP Deposit Account No. 50-0762 as required to correct the error.

25

30

20

Respectfully submitted,

Kevin M. Mason

Attorney for Applicant

(203) 255-6560

May 21, 2003

### CERTIFICATE OF FACSIMILE TRANSMISSION

It is hereby certified that this correspondence is being transmitted via faceimile to Examiner Chong R. Kim of the U.S. 35 Patent and Trademark Office at 703-872-9314 on the date indicated below.

40

203 255 6570 ;

May-21-03 4:20PM;

Page 1

# RYAN, MASON & LEWIS, LLP

ATTORNEYS AT LAW 1300 POST ROAD, SUITE 205 FAIRFIELD, CONNECTICUT 06430

Telephone: (203) 255-6560 Facsimile: (203) 255-6570 Email: kmm@rml-law.com

DATE: May 21, 2003	FILE: 09/449,250 (1100-26)

Facsimile Message From:

KEVIN M. MASON

Please deliver the following pages to:

NAME	COMPANY	FAX NUMBER
Chong R. Kim	USPTO	703-872-9314

NUMBER OF PAGES INCLUDING THIS COVER PAGE: 7	
COMMENTS/INSTRUCTIONS:	•••
Please see attached.	

If you do not receive all of the pages, please call us back as soon as possible at (203) 255-6560.

THIS MESSAGE IS INTENDED FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THE MISSAGE TO THE INTENDED RECIPIENT, YOU ARE HERBHY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THIS UNGIGNAL MESSAGE TO US AT THE ABOVE ADDRESS VIA U.S. PLATIAL SERVICE. THANK YOU.